

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/41202

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G06F 15/16; G06F 11/16; G06F 13/14

US CL : 709/203, 246; 713/200, 201, 202

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 709/203, 246; 713/200, 201, 202

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Microsoft, computer dictionaryElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)
East, Telecommunications system, file servers, file switch, metadata base, aggregated reply

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,393,581 B1 (FRIEDMAN et al.) 21 MAY 2002 (21.05.2002), see entire document.	1-21
Y	US 6,223,206 B1 (DAN et al.) 24 April 2001 (24.04.2001), column 7, lines 25-30.	1-21
Y	US 6,161,145 A (BAINBRIDGE et al.) 12 December 2000 (12.12.2000), column 5, lines 3-40.	1-21

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance	"**" later documents published after the international filing date or priority date and not in conflict with the application but cited to understand the principles or theory underlying the invention
"B" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubt on priority claims or which is cited to establish the publication date of another citation or other special reason (see specification)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"Z" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

Date of mailing of the international search report

22 August 2005 (22.08.2005)

15 SEP 2005

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